8

1934

195 File No. 6939/36.

B CLASS P.W. DEPARTMENT

PWR. ~~Et.~~ BRANCH

Subject:— Electric Power

Generation of - —— in the neighbourhood of "Londa

E|K 44

IV

File No. ~~36~~ 6939/36 P.W.R - B.

P&S, Scott. Slip 21 A—

G. R., G. D., No. 2408, dated 22-6-22.]

Std. Sectt. 73 a.

DOCKET SHEET

Subject:—

File No. 6939/38

P. W. **DEPT.**

P.W.R **BRANCH.**

References:—

Date.	To whom sent.	Notes and instructions.

THE MADRAS AND SOUTHERN MAHRATTA RAILWAY. ~~CO. LTD.~~

(~~Incorporated in England.~~)

POST BOX No. 523.
TELEGRAMS :—" FREIGHT ", MADRAS.
TELEPHONE :—2901.

~~AGENT AND~~ GENERAL MANAGER'S OFFICE,
PARK TOWN,
MADRAS.

IN REPLY PLEASE QUOTE—

No. W.4195/B/8 Dated 8th June, 1944.

The Secretary to the Government of Bombay,
Public Works Department,
Bombay.

POST WAR RECONSTRUCTION - ELECTRIFICATION.

We have under preliminary consideration the possibility of converting the Railway line between Mormugao and Londa from Steam to Electric Traction.

2. There is at present no adequate source of Electric Power in the area, but it has been noticed in Meares' Triennial Report, Volume III, with a Preliminary forecast of the Water Power Resources of India 1919-21, that there is in the neighbourhood of Londa a large potential Water Power capable of conversion to Electric Power.

3. I write to enquire whether the Government have any plans for the exploitation of this Hydro-Electric Power in this area after the war. If such plans were to materialise, it is possible that the Railway could take power up to the order of about 5000 Kilowatts in connection with Railway Electrification if the terms were satisfactory.

4. This letter is nothing more than a preliminary enquiry. No details have yet been investigated and the financial aspect of the proposal has not been considered. I should be grateful if you would let me know whether any proposals are contemplated for Hydro-Electric Schemes in the neighbourhood of Londa.

D.A.M.C.
TSS.

General Manager.

PUBLIC WORKS DEPARTMENT
File No. 6939/36
12 JUN 1944
Serial No. 16019

P.W.R.
1/6

P. W. R.
12

P.W.R.B.

Below copy of letter No. W.4195/E/8, dt the 8.6.44, from the General Manager, M.S.M. Ry.

No. 6939/36-R

P. W. D.

B.C.I. 14th June 1944

Subs. Proposed Conversion of the Ry. Line between Mormugao and Londa from Steam to Electric Traction.

Copy forwarded to the Officer on Spl. Duty for the Grid System of Electricity for very early remarks.

By Order of the G.M.B.

P'N'P.
14-6-44.

ISSUED
On 19/6/44

GH
16.VI.44

5

Letter.

Office of the Special Officer
(Electric Grid),
Old Custom House Yard, Fort,
Bombay, 28th June, 1944.

To

The Deputy Secretary to the Government of Bombay,
Public Works Department, P.W.D.Secretariat.

P. 3

Subject :- P.W.D.endorsement No.6939/36-R dated 17th June 1944 on letter No.W.4195/B/8 dated 8th June 1944 from the General Manager of the Madras and Southern Mahratta Railway, Madras, on the subject of proposed conversion of the Railway line between Formugao and Londa from Steam to Electric Traction

P.1

Flip B file
6646/36-I.
P. 7
5 - 0 -
vide Annexure
Bar P.8

The Government of India in their letter No.EB.5 dated 4th March 1944 forwarded to the Government of Bombay a recommendation of the Technical Power Conference held in Calcutta at the end of January last that the Government of Bombay should carry out a detailed survey of Kalinadi and Koyna Hydro-Electric Schemes. This work will be carried out by the Bombay Electricity Board, which it is proposed to set up, as soon as the Bombay Electricity (Supply) Act is passed.

2. The Kalinadi Hydro-Electric Scheme is likely to be developed in the immediate post-war period. The off-take of power to the extent of 5,000 kW. for railway electrification by the M.& S.M. Railway will be most helpful to the development of this Scheme. The Railway Authorities may be informed that it is proposed to carry out a survey of the Kalinadi Scheme (in the neighbourhood of Londa) in the beginning of the next year. If the investigations

justify/

justify the development of this source of power, it is likely to be undertaken in the immediate post-war period.

P B Adwani
Special Officer(Electric Grid).

P.W.R. 29/6

PUBLIC WORKS DEPARTMENT
File No. 6939/36
29. JUN. 1944
Serial No. 17927

To me 29/6 -

PW-R.Br

29-6-44

P.W.R.B. 6939/36/17927

Submitted with ref. to G.E.No.6939/36-R, dated the 17-6-44.

2. For the reasons explained in his letter under disposal the Special Officer suggests that the Genl. Manager, ~~B.B & C.I.~~ Rly. may be informed that it is proposed to carry out a survey of the Kalinadi scheme in the neighbourhood Londa in the beginning of the next year and that if the investigations justify the development of this source of power it is likely to be undertaken in the immediate post war period.

M.& S. M.L

3. In this connection attention is invited to para.7(b) of A(R)'s. note on the Bombay Grid which is as under:-

"(b) Kalinadi River Scheme (Kanara). This scheme may make available about 35,000 k.w. for the South of the Province. No detailed survey of it has been made so far and such a survey may take 9 to 10 months and the development of the ~~progress~~ project may take six years. (It is now not considered economical to take power from the Mysore Jog project)".

4. With reg; to the G.of I's recommendation that this Govt. should carry out a detailed survey of Kalinadi and Koyna Hydro-Electric Schemes the Special Officer (Electric Grid has reported separately in his u.o.r., dated 13-6-44, that it will not be possible to make a satisfactory reply in the matter to the G.of I. for some five or six months by which time, he hopes, it will have been possible to get together at least the nucleus minimum engineering staff.

5. From the facts stated in the above paras. it will be seen that the Kalinadi Hydro Electric Scheme is to be investigated later on and is likely to be undertaken in the Post War period if the investigations justify the development of this source of power. The M & S.M.Ry. may, if approved, be informed as per draft put up.

R.n.f
.6-7-44

11/7/44

would be survey, Having asked for new clearing which would certainly command early Govt sanction & possibly make some beginning in construction; & that the earliest possible date for completion of scheme would be 6 years from now.

The MSM Rly letter looks as if, assuming that it did decide to proceed with the scheme, it would start work on it as soon as the conditions are, I don't see how it would be worth doing this until it is assumed that electricity would be available ii) had some indication of the time within which it would be available.

Sec Pln(R&R)
Chief Officer

I would therefore be inclined to add at the end of the [redacted] unless [redacted]

39/36
7927 Confl.

No. 6989/36-R.

P.W.D. Aug.
B.C., 2nd July 1944.

Confl.

To

The General Manager,
M.& S.M.Railway,
Park Town, Madras.

Sub: Proposed conversion of the Ry.line between Mormugao and Londa from Steam to Electric Traction.

Sir,

With ref. to your letter No.W.4195/B/8, dated the 8-6-44, I am directed to inform you that it is proposed to carry out a survey of the Kalinadi Hydro-Electric Scheme in the neighbourhood of Londa in the beginning of the next year. If the ~~investigators~~ investigations justify the development of this source of electric power, this scheme is likely to be undertaken as a Post-War Project. In that event it is however unlikely that the project would be completed in under 6 years.

Your Obedient servant,

Rnl
6-7-44

Copy forwarded to the Special Officer (Electric Grid) with ref. to his letter, dated 28-6-44, for information.

Rnl
6.7.44

ISSUED
On 3/7/44 A.
6/7-.

I think A(R) and A(F) may see.

7.VII.44

Secy (R)

A(R) I am not clear about what part of Special Officer's note which speaks of this development taking place in the immediate post-war period. My impression was that this was a scheme which aimed at new sources not materialise in the first 5-year phase of the grid. I gathered that we should not begin ground surveys for Bhandardara & Bhatgar to initiate the surveys for the next ~~[illegible]~~ phase of schemes mentioned [illegible] See Overleaf

11/7/44

It was a recent & similar form to that appeared in A(R)'s note that the word "Immediate" was omitted from the proposed draft. Unless the S.O. (Grid) has other views, the amendment in the draft now suggested may be made.

RMA
12/7/44

CH
13-VII-44

S.O. (Grid)

Ever thine S.O. & (Grid) 14-7-44.

What I meant was that if the proposed investigations justify development we are likely to commence the work of development in the immediate post war period. I agree that we shd make it clear that in any case it will be some six years from now before power is likely to be available.

RMA
26/6/44.

Sec to Govt (PWD)

war 247

PUBLIC WORKS DEPARTMENT
No. 6939/36
28 JUN 1944
Secretariat ✓

P.W.R.B.O.N.

In view of the remarks made by the S.O. (Electric Grid) in his note above the addn. suggested by A(R) is now incorporated in the draft at P. 8 ante. The modified draft may if appd. receive.

Rnl
28/7/44

May orders be received.

RMA
29/7/44

Issue (under my sign).
CH
1-VII-44

30/7/44 fl

A(R)
A(F)